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FIG. 1a

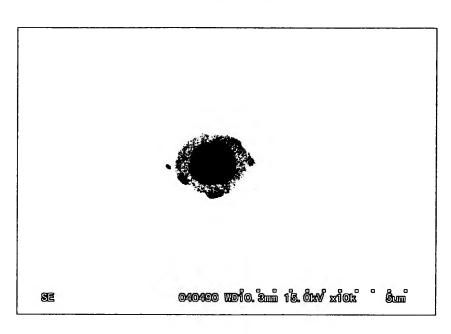
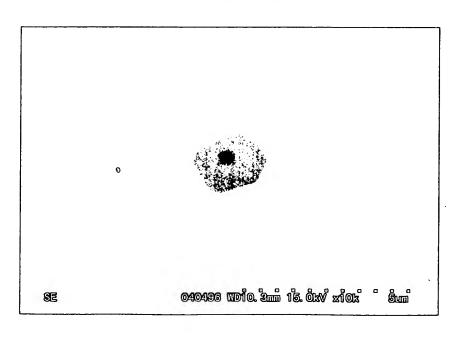


FIG. 1b



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FIG. 1c

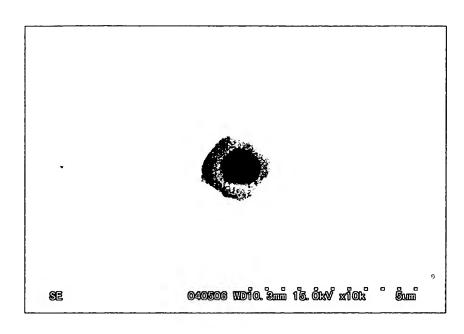
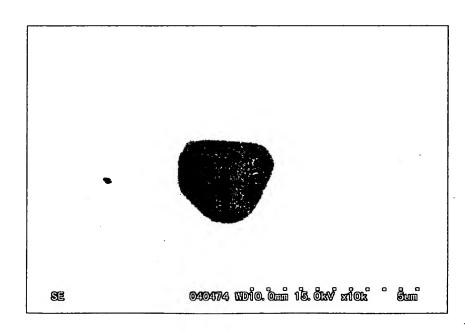


FIG. 2



INGOT

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FIG. 3a



FIG. 3b

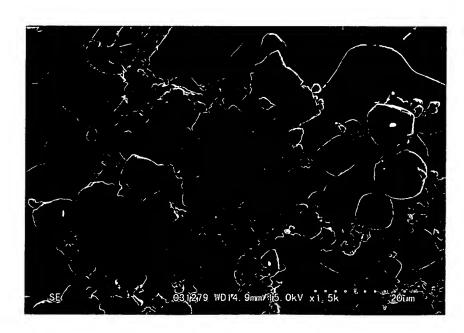


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FIG. 4a



FIG. 4b



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FIG. 5a



FIG. 5b



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FIG. 5c

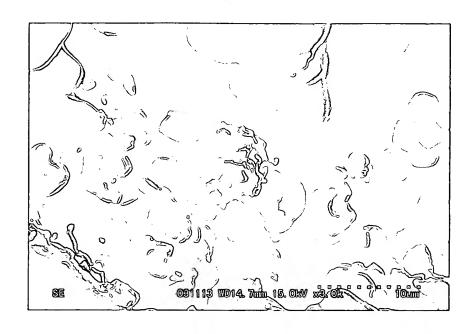
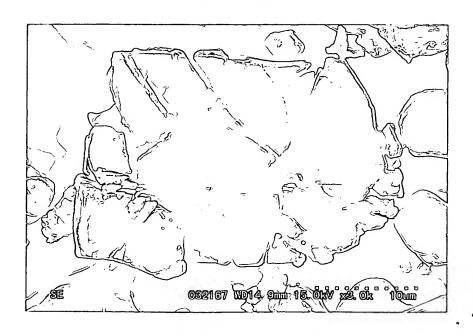


FIG. 6a

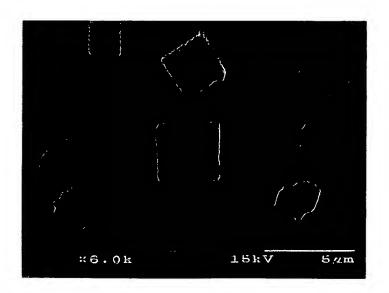


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FIG. 6b



FIG. 7



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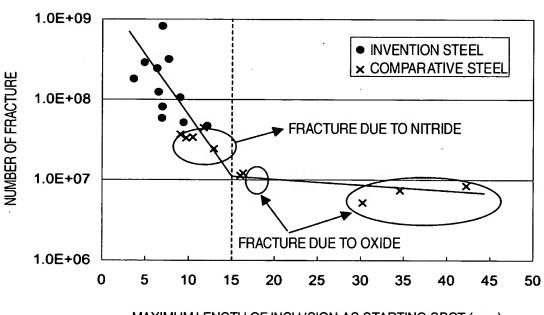
FIG. 8



5 µ m

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FIG. 9



MAXIMUM LENGTH OF INCLUSION AS STARTING SPOT (μ m)